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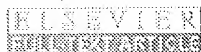
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Division of Biomolecular Engineering, CSIRO, North Ryde, NSW, Australia.

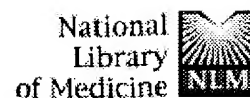
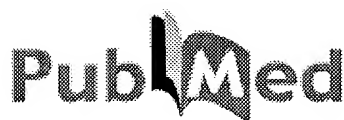
The dipeptide carnosine (beta-alanyl-L-histidine) was readily glycosylated non-enzymatically upon incubation with the sugars glucose, galactose, deoxyribose and the triose dihydroxyacetone. Carnosine inhibited glycation of acetyl-Lys-His-amide by dihydroxyacetone and it protected alpha-crystallin, superoxide dismutase and catalase against glycation and cross-linking mediated by ribose, deoxyribose, dihydroxyacetone, dihydroxyacetone phosphate and fructose. Unlike certain glycated amino acids, glycated carnosine was non-mutagenic. The potential biological and therapeutic significance of these observations are discussed.

PMID: 7664889 [PubMed - indexed for MEDLINE]

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Items 1-4 of 4

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☐ 1: [Tabakman R, Jiang H, Levine RA, Kohen R, Lazarovici P.](#)

[Related Articles](#), [Links](#)



Apoptotic characteristics of cell death and the neuroprotective effect of homocarnosine on pheochromocytoma PC12 cells exposed to ischemia.

J Neurosci Res. 2004 Feb 15;75(4):499-507.

PMID: 14743433 [PubMed - indexed for MEDLINE]

☐ 2: [Chen Y, Ho CT.](#)

[Related Articles](#), [Links](#)



Effects of carnosine on volatile generation from Maillard reaction of ribose and cysteine.

J Agric Food Chem. 2002 Apr 10;50(8):2372-6.

PMID: 11929299 [PubMed - indexed for MEDLINE]

☐ 3: [Kang KS, Yun JW, Lee YS.](#)

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Protective effect of L-carnosine against 12-O-tetradecanoylphorbol-13-acetate- or hydrogen peroxide-induced apoptosis on v-myc transformed rat liver epithelial cells.

Cancer Lett. 2002 Apr 8;178(1):53-62.

PMID: 11849741 [PubMed - indexed for MEDLINE]

☐ 4: [Hipkiss AR, Michaelis J, Syrris P.](#)

[Related Articles](#), [Links](#)



Non-enzymatic glycosylation of the dipeptide L-carnosine, a potential anti-protein-cross-linking agent.

FEBS Lett. 1995 Aug 28;371(1):81-5.

PMID: 7664889 [PubMed - indexed for MEDLINE]

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(ribose) same (carnosine or valenine)	25

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<u>L14</u>	(ribose) same (carnosine or valenine)	25	<u>L14</u>
<u>L13</u>	(D adj ribose) same (chicken or beef or fowl or fish or shellfish)	18	<u>L13</u>
<u>L12</u>	(D adj ribose) same (chicken or beef or fowl)	9	<u>L12</u>
<u>L11</u>	(D adj ribose) same (chicken or beef or fowl or broth)	55	<u>L11</u>
<u>L10</u>	ribose same (chicken or beef or fowl or broth)	193	<u>L10</u>
<u>L9</u>	ribose and (chicken or beef or fowl or broth)	3048	<u>L9</u>

DB=EPAB; PLUR=YES; OP=OR

<u>L8</u>	EP-1210940-A2.did.	1	<u>L8</u>
<u>L7</u>	EP-1210940-A2.did.	1	<u>L7</u>

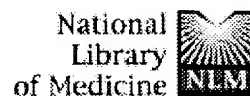
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<u>L6</u>	L5 and ribose	48	<u>L6</u>
<u>L5</u>	l1 or l3	517	<u>L5</u>
<u>L4</u>	(beta near alanyl adj2 methylhistidine)	11	<u>L4</u>
<u>L3</u>	(alanyl adj2 methylhistidine)	13	<u>L3</u>

L2 L1 (alanyl adj2 methylhistidine)
L1 anserine

517 L2
516 L1

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 Free amino acids and biogenic amines in red and white muscle of tuna stored in controlled atmospheres.
Amino Acids. 2004 Mar;26(2):125-32. Epub 2003 Dec 15.
PMID: 15042440 [PubMed - in process]
- ☐ 2: [McCarthy CL, McNally EG.](#) [Related Articles, Links](#)
 The MRI appearance of cystic lesions around the knee.
Skeletal Radiol. 2004 Apr;33(4):187-209. Epub 2004 Feb 27.
PMID: 14991250 [PubMed - in process]
- ☐ 3: [Penafiel R, Ruzafa C, Monserrat F, Cremades A.](#) [Related Articles, Links](#)
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Amino Acids. 2004 Feb;26(1):53-8. Epub 2003 Aug 21.
PMID: 14752616 [PubMed - in process]
- ☐ 4: [Boldyrev A, Bulygina E, Leinsoo T, Petrushanko I, Tsubone S, Abe H.](#) [Related Articles, Links](#)
 Protection of neuronal cells against reactive oxygen species by carnosine and related compounds.
Comp Biochem Physiol B Biochem Mol Biol. 2004 Jan;137(1):81-8.
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- ☐ 5: [Gianelli MP, Flores M, Toldra F.](#) [Related Articles, Links](#)
 Interactions of soluble peptides and proteins from skeletal muscle on the release of volatile compounds.
J Agric Food Chem. 2003 Nov 5;51(23):6828-34.
PMID: 14582982 [PubMed - indexed for MEDLINE]
- ☐ 6: [Hiraiwa K.](#) [Related Articles, Links](#)
 [Novel findings from an animal tourniquet shock model]
Nippon Hoigaku Zasshi. 2003 Sep;57(2):125-34. Review. Japanese.
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- ☐ 7: [Hill CL, Gale DR, Chaisson CE, Skinner K, Kazis L, Gale ME, Felson DT.](#) [Related Articles, Links](#)
 Periarticular lesions detected on magnetic resonance imaging: prevalence in knees with and without symptoms.
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-  Evaluation of patients presenting with knee pain: Part II. Differential diagnosis.
Am Fam Physician. 2003 Sep 1;68(5):917-22. Review.
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- ☐ **9:** Gnanadesigan N, Smith RL. [Related Articles](#), [Links](#)
-  Knee pain: osteoarthritis or anserine bursitis?
J Am Med Dir Assoc. 2003 May-Jun;4(3):164-6. No abstract available.
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- ☐ **10:** Sami S, Liu G, Mithoefer K, Suri M, Mankin HJ. [Related Articles](#), [Links](#)
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- ☐ **11:** Cardone DA, Tallia AF. [Related Articles](#), [Links](#)
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Am Fam Physician. 2003 May 15;67(10):2147-52. Review.
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- ☐ **12:** Tschirch FT, Schmid MR, Pfirrmann CW, Romero J, Hodler J, Zanetti M. [Related Articles](#), [Links](#)
-  Prevalence and size of meniscal cysts, ganglionic cysts, synovial cysts of the popliteal space, fluid-filled bursae, and other fluid collections in asymptomatic knees on MR imaging.
AJR Am J Roentgenol. 2003 May;180(5):1431-6.
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- ☐ **13:** Kang JH, Kim KS. [Related Articles](#), [Links](#)
-  Enhanced oligomerization of the alpha-synuclein mutant by the Cu,Zn-superoxide dismutase and hydrogen peroxide system.
Mol Cells. 2003 Feb 28;15(1):87-93.
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- ☐ **14:** Hou WC, Chen HJ, Lin YH. [Related Articles](#), [Links](#)
-  Antioxidant peptides with Angiotensin converting enzyme inhibitory activities and applications for Angiotensin converting enzyme purification.
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- ☐ **17:** Aldini G, Granata P, Carini M. [Related Articles](#), [Links](#)


Detoxification of cytotoxic alpha,beta-unsaturated aldehydes by

-  carnosine: characterization of conjugated adducts by electrospray ionization tandem mass spectrometry and detection by liquid chromatography/mass spectrometry in rat skeletal muscle.
J Mass Spectrom. 2002 Dec;37(12):1219-28.
PMID: 12489081 [PubMed - indexed for MEDLINE]


☐ **18:** [Kim KS, Choi SY, Kwon HY, Won MH, Kang TC, Kang JH.](#) [Related Articles](#), [Links](#)

-  The ceruloplasmin and hydrogen peroxide system induces alpha-synuclein aggregation in vitro.
Biochimie. 2002 Jul;84(7):625-31.
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☐ **19:** [Kang JH, Kim KS, Choi SY, Kwon HY, Won MH, Kang TC.](#) [Related Articles](#), [Links](#)

-  Carnosine and related dipeptides protect human ceruloplasmin against peroxyl radical-mediated modification.
Mol Cells. 2002 Jun 30;13(3):498-502.
PMID: 12132593 [PubMed - indexed for MEDLINE]

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-  Increase of gamma-glutamyl-beta-alanyl-histidine isopeptide in the macromolecular fraction of model chicken extract during heating and distribution in commercial chicken extracts.
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PMID: 11989761 [PubMed - indexed for MEDLINE]

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File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040033160

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040033160 A1

TITLE: Methods for sterilizing biological materials by irradiation over a temperature gradient

PUBLICATION-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
MacPhee, Martin	Montgomery Village	MD	US	
Calvert, Glenn	Frederick	MD	US	
Lynch, Tom	Rockville	MD	US	
Kent, Randall S.	Thousand Oaks	CA	US	
Mann, David	Gaithersburg	MD	US	
Burgess, Wilson	Clifton	VA	US	
Miekka, Shirley	Gaithersburg	MD	US	
Drohan, William N.	Springfield	VA	US	

US-CL-CURRENT: 422/22; 422/21, 422/24, 435/1.1, 435/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 20030223982 A1

L6: Entry 2 of 48

File: PGPB

Dec 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030223982

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030223982 A1

TITLE: Use of DNA repair enzymes as MMP 1 inhibitors

PUBLICATION-DATE: December 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schlotmann, Kordula	Duesseldorf		DE	
Foerster, Thomas	Erkrath		DE	
Petersohn, Dirk	Koeln		DE	
Waldmann-Laue, Marianne	Monheim		DE	

US-CL-CURRENT: 424/94.61

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 3. Document ID: US 20030213920 A1

L6: Entry 3 of 48

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030213920

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030213920 A1

TITLE: Methods for sterilizing preparations containing albumin

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Miekka, Shirley I.	Gaithersburg	MD	US	
Burgess, Wilson	Clifton	VA	US	
Drohan, William N.	Springfield	VA	US	
Macphee, Martin J.	Montgomery Village	MD	US	
Kent, Randy	Thousand Oaks	CA	US	
Mann, David	Gaithersburg	MD	US	
Griko, Yuri	Gaithersburg	MD	US	

US-CL-CURRENT: 250/492.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 4. Document ID: US 20030185777 A1

L6: Entry 4 of 48

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030185777

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030185777 A1

TITLE: Anhydrous antiperspirant composition containing polysaccharides

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Banowski, Bernhard	Duesseldorf		DE	
Hengstermann, Dieter	Borken		DE	
Wadle, Armin	Erkrath		DE	

US-CL-CURRENT: 424/66; 424/68

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 20030185702 A1

L6: Entry 5 of 48

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030185702
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030185702 A1

TITLE: Methods for sterilizing tissue

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Burgess, Wilson	Clifton	VA	US	
Drohan, William N.	Springfield	VA	US	
Macphee, Martin J.	Montgomery Village	MD	US	
Mann, David M.	Gaithersburg	MD	US	

US-CL-CURRENT: 422/22; 422/21, 422/24, 435/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 20030180181 A1

L6: Entry 6 of 48

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Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030180181
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030180181 A1

TITLE: Methods for sterilizing tissue

PUBLICATION-DATE: September 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Greib, Teri	Damascus	MD	US	
Mann, David M.	Gaithersburg	MD	US	
Stafford, Richard E.	Arlington	VA	US	

Burgess, Wilson	Clifton	VA	US
Drohan, William N.	Springfield	VA	US
MacPhee, Martin J.	Montgomery Village	MD	US

US-CL-CURRENT: [422/22](#); [422/20](#), [422/21](#), [422/24](#), [435/2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Des.
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L6: Entry 7 of 48

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030162163

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030162163 A1

TITLE: Method of sterilizing heart valves

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Burgess, Wilson	Clifton	VA	US	
Drohan, William N.	Springfield	VA	US	
MacPhee, Martin J.	Montgomery Village	MD	US	
Mann, David M.	Gaithersburg	MD	US	

US-CL-CURRENT: [435/1.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Des.
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☐ 8. Document ID: US 20030161753 A1

L6: Entry 8 of 48

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030161753

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030161753 A1

TITLE: Methods for sterilizing biological materials by multiple rates

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
MacPhee, Martin	Montgomery Village	MD	US	
Drohan, William N.	Springfield	VA	US	
Kent, Randall S.	Thousand Oaks	CA	US	
Lynch, Tom	Rockville	MD	US	

Calvert, Glenn	Frederick	MD	US
Miekka, Shirley	Gaithersburg	MD	US
Mann, David	Gaithersburg	MD	US
Burgess, Wilson	Clifton	VA	US

US-CL-CURRENT: [422/1](#); [422/21](#), [422/22](#), [422/24](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 9. Document ID: US 20030124023 A1

L6: Entry 9 of 48

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030124023

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030124023 A1

TITLE: Method of sterilizing heart valves

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Burgess, Wilson	Clifton	VA	US	
Drohan, William N.	Springfield	VA	US	
Macphee, Martin J.	Montgomery Village	MD	US	
Mann, David M.	Gaithersburg	MD	US	

US-CL-CURRENT: [422/22](#); [422/24](#), [435/1.1](#), [435/1.3](#)

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☐ 10. Document ID: US 20030095890 A1

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File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030095890

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030095890 A1

TITLE: Methods for sterilizing biological materials containing non-aqueous solvents

PUBLICATION-DATE: May 22, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Miekka, Shirley	Gaithersburg	MD	US	
MacPhee, Martin J.	Montgomery Village	MD	US	
Drohan, William N.	Springfield	VA	US	

Mann, David	Gaithersburg	MD	US
Burgess, Wilson	Clifton	VA	US

US-CL-CURRENT: [422/22](#); [422/24](#), [422/28](#), [422/29](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 11. Document ID: US 20030078231 A1

L6: Entry 11 of 48

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030078231

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030078231 A1

TITLE: Orthomolecular sulpho-adenosylmethionine derivatives with antioxidant properties

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wilburn, Michael D.	Cedar Hill	TX	US	

US-CL-CURRENT: [514/45](#); [536/27.3](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 12. Document ID: US 20030064000 A1

L6: Entry 12 of 48

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030064000

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030064000 A1

TITLE: Methods of sterilizing biological mixtures using stabilizer mixtures

PUBLICATION-DATE: April 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Burgess, Wilson	Clifton	VA	US	
Drohan, William N.	Springfield	VA	US	
MacPhee, Martin J.	Montgomery Village	MD	US	
Mann, David M.	Gaithersburg	MD	US	

US-CL-CURRENT: [422/22](#); [422/23](#), [422/24](#), [435/2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 13. Document ID: US 20030059920 A1

L6: Entry 13 of 48

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030059920

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030059920 A1

TITLE: Methods for sterilizing preparations of glycosidases

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Drohan, William N.	Springfield	VA	US	
Burgess, Wilson	Clifton	VA	US	
Mann, David M.	Gaithersburg	MD	US	
MacPhee, Martin J.	Montgomery Village	MD	US	

US-CL-CURRENT: 435/200

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 14. Document ID: US 20030059338 A1

L6: Entry 14 of 48

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030059338

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030059338 A1

TITLE: Methods for sterilizing biological materials using flavonoid/flavonol stabilizers

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mann, David M.	Gaithersburg	MD	US	
Drohan, William N.	Springfield	VA	US	
MacPhee, Martin J.	Montgomery Village	MD	US	
Burgess, Wilson	Clifton	VA	US	

US-CL-CURRENT: 422/22; 422/21, 422/23, 422/24, 435/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 15. Document ID: US 20030049245 A1

L6: Entry 15 of 48

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030049245

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030049245 A1

TITLE: Methods for sterilizing preparations of digestive enzymes

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mann, David M.	Gaithersburg	MD	US	
Burgess, Wilson	Clifton	VA	US	
Drohan, William N.	Springfield	VA	US	
Griko, Yuri	Gaithersburg	MD	US	
Macphee, Martin J.	Montgomery Village	MD	US	

US-CL-CURRENT: 424/94.6; 422/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 16. Document ID: US 20030031584 A1

L6: Entry 16 of 48

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030031584

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030031584 A1

TITLE: Methods for sterilizing biological materials using dipeptide stabilizers

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Burgess, Wilson	Great Oak Lane	CA	US	
Drohan, William N.	Springfield	VA	US	
MacPhee, Martin J.	Montgomery Village	MD	US	
Mann, David M.	Gaithersburg	MD	US	
Maddox, Ewa	Rockville	MD	US	

US-CL-CURRENT: 422/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 17. Document ID: US 20030031581 A1

L6: Entry 17 of 48

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030031581
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030031581 A1

TITLE: Methods for sterilizing biological materials

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Miekka, Shirley I.	Gaithersburg	MD	US	
Burgess, Wilson	Clifton	VA	US	
Drohan, William N.	Springfield	VA	US	
Griko, Yuri	Gaithersburg	MD	US	
MacPhee, Martin J.	Montgomery Village	MD	US	
Mann, David M.	Gaithersburg	MD	US	

US-CL-CURRENT: 422/1; 422/21, 422/22, 422/23, 422/24, 435/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 18. Document ID: US 20030012687 A1

L6: Entry 18 of 48

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030012687
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030012687 A1

TITLE: Methods of sterilizing biological materials

PUBLICATION-DATE: January 16, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Macphee, Martin J.	Montgomery Village	MD	US	
Burgess, Wilson	Clifton	VA	US	
Mann, David M.	Gaithersburg	MD	US	
Drohan, William N.	Springfield	VA	US	
Miekka, Shirley I.	Gaithersburg	MD	US	
Kent, Randall S.	Thousand Oaks	CA	US	
Horton, Edward	Toronto		CA	

US-CL-CURRENT: 422/22; 422/21, 422/24

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 19. Document ID: US 20030007961 A1

L6: Entry 19 of 48

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030007961

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030007961 A1

TITLE: Orthomolecular vitamin E derivatives

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wilburn, Michael D.	Cedar Hill	TX	US	

US-CL-CURRENT: 424/94.4; 435/189, 514/100, 514/251, 514/27, 514/336, 514/458,
514/46, 514/52, 514/54, 536/26.13, 536/27.3, 536/53, 536/8, 544/257, 546/282.7,
549/406, 549/408

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 20. Document ID: US 20020183263 A1

L6: Entry 20 of 48

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020183263

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020183263 A1

TITLE: Nutritional preparation comprising ribose and medical use thereof

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hageman, Robert Johan Joseph	Waddinxveen		NL	
Smeets, Rudolf Leonardus Lodewijk	Waddinxveen		NL	
Verlaan, George	Wageningen		NL	

US-CL-CURRENT: 514/23; 424/702, 514/251, 514/263.3, 514/276, 514/356, 514/400,
514/52

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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L5 and ribose

48